

Please type a plus (+) sign in this box → +

PTO/SB/05 (4/98)

Approved for use through 09/30/2000. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

*Only for new non-provisional applications under 37 C.F.R. § 1.53(B)*

Attorney Docket No. 02-6036/L13.12-0230

First Inventor or Application Identifier Derrick Sai Tang Butt et al.

Title MACRO CELL FOR INTEGRATED CIRCUIT  
PHYSICAL LAYER INTERFACE

Express Mail Label No. EV178025073US

U.S.P.T.O.  
02/0422278  
10/8

032604

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

Address To: Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

- |  |  |
|--|--|
| 1. <input checked="" type="checkbox"/> *Fee Transmittal Form e.g., PTO/SB17)<br><i>(Submit an original and a duplicate for fee processing)</i>                                       | 5. <input type="checkbox"/> Microfiche Computer Program (Appendix)   |
| 2. <input checked="" type="checkbox"/> Specification [Total Sheets 45]   | 6. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission<br><i>(If applicable, all necessary)</i>                      |
| - Descriptive title of the Invention   | a. <input type="checkbox"/> Computer Readable Copy   |
| - Cross References to Related Applications   | b. <input type="checkbox"/> Paper Copy (Identical to computer copy)  |
| - Statement Regarding Fed sponsored R & D  | c. <input type="checkbox"/> Statement verifying identity of above copies   |
| - Reference to Microfiche Appendix   |  |
| - Background of the Invention  |  |
| - Brief Summary of the Invention   |  |
| - Brief Description of the Drawings ( <i>if filed</i> )  |  |
| - Detailed Description   |  |
| - Claim(s)   |  |
| - Abstract of the Disclosure   |  |
| 3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. § 113) [Total Sheets 21]  | 7. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))   |
| 4. Oath or Declaration [Total Sheets 3]  | 8. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement<br><i>(when there is an assignee)</i> <input type="checkbox"/> Power of Attorney |
| a. <input checked="" type="checkbox"/> Newly unexecuted (original or copy)   | 9. <input type="checkbox"/> English Translation Document   |
| b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d))<br><i>(for continuation/divisional with Box 17 completed)</i>  | 10. <input type="checkbox"/> Information Disclosure Statement (IDS/PTO – PTO) <input type="checkbox"/> Copies of IDS                       |
| i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u><br>Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§1.63(d)(2) and 1.33(b). | 11. <input type="checkbox"/> Preliminary Amendment   |
| 12. <input checked="" type="checkbox"/> Two Return Receipt Postcards (MPEP 503)  |  |
| 13. <input type="checkbox"/> *Small Entity <input type="checkbox"/> Statement filed in prior application. Statement(s) Status still proper and desired (PTO/SB/09-12)                |  |
| 14. <input type="checkbox"/> Certified Copy of Priority Document(s) ( <i>if foreign priority is claimed</i> )  |  |
| 15. <input type="checkbox"/> Request and Cert. Under 35 USC 122 (Non-Pub)  |  |
| 16. <input checked="" type="checkbox"/> Other: File Data Sheet   |  |

\* NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

 Continuation     Divisional     Continuation –in part (CIP)    of prior application No: \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

FOR CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE**

24319

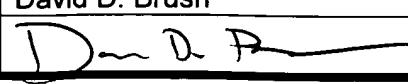
 Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or  Correspondence address below

Name	Pete R. Scott LSI LOGIC CORPORATION				
Address	1621 Barber Lane M/S D-106				
City	Milpitas	State	CA	Zip Code	95035
Country	USA	Telephone		Fax	

Name (Print/type) David D. Brush Registration No. (Attorney/Agent) 34,557

Signature  Date 3/26/04

# FEE TRANSMITTAL

		Complete if Known																																																																																								
		Application No.																																																																																								
		Filing Date		Herewith																																																																																						
		First Named Inventor		Derrick Sai Tang Butt et al.																																																																																						
		Title		MACRO CELL FOR INTEGRATED CIRCUIT PHYSICAL LAYER INTERFACE																																																																																						
		Group Art Unit																																																																																								
		Examiner Name																																																																																								
Total Amount of Payment \$ 770		Atty. Docket Number		02-6036/L13.12-0230																																																																																						
METHOD OF PAYMENT (Check One)		FEE CALCULATION (Continued)																																																																																								
1. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fee required under 37 C.F.R. § 1.16 and 1.17, including any petition fee, and credit any over payments to Deposit Account No. <u>12-2252</u> . 2. <input type="checkbox"/> Check Enclosed		<b>3. ADDITIONAL FEES</b> <table border="1"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Small Entity Fee Fee</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td></tr> <tr><td>1252</td><td>420</td><td>2252</td><td>210</td></tr> <tr><td>1253</td><td>950</td><td>2253</td><td>475</td></tr> <tr><td>1254</td><td>1,480</td><td>2254</td><td>740</td></tr> <tr><td>1255</td><td>2,010</td><td>2255</td><td>1,005</td></tr> <tr><td>1402</td><td>330</td><td>2402</td><td>165</td></tr> <tr><td>1403</td><td>290</td><td>2403</td><td>145</td></tr> <tr><td>1814</td><td>110</td><td>2814</td><td>55</td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td></tr> <tr><td>1453</td><td>1,330</td><td>2453</td><td>665</td></tr> <tr><td>1501</td><td>1,330</td><td>2501</td><td>665</td></tr> <tr><td>1502</td><td>480</td><td>2502</td><td>240</td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td></tr> </tbody> </table>					Large Entity Fee Code	Small Entity Fee Fee	Fee Description	Fee Paid	1051	130	2051	65	1052	50	2052	25	1053	130	1053	130	1812	2,520	1812	2,520	1251	110	2251	55	1252	420	2252	210	1253	950	2253	475	1254	1,480	2254	740	1255	2,010	2255	1,005	1402	330	2402	165	1403	290	2403	145	1814	110	2814	55	1452	110	2452	55	1453	1,330	2453	665	1501	1,330	2501	665	1502	480	2502	240	1460	130	1460	130	1807	50	1807	50	1806	180	1806	180	8021	40	8021	40
Large Entity Fee Code	Small Entity Fee Fee	Fee Description	Fee Paid																																																																																							
1051	130	2051	65																																																																																							
1052	50	2052	25																																																																																							
1053	130	1053	130																																																																																							
1812	2,520	1812	2,520																																																																																							
1251	110	2251	55																																																																																							
1252	420	2252	210																																																																																							
1253	950	2253	475																																																																																							
1254	1,480	2254	740																																																																																							
1255	2,010	2255	1,005																																																																																							
1402	330	2402	165																																																																																							
1403	290	2403	145																																																																																							
1814	110	2814	55																																																																																							
1452	110	2452	55																																																																																							
1453	1,330	2453	665																																																																																							
1501	1,330	2501	665																																																																																							
1502	480	2502	240																																																																																							
1460	130	1460	130																																																																																							
1807	50	1807	50																																																																																							
1806	180	1806	180																																																																																							
8021	40	8021	40																																																																																							
FEE CALCULATION																																																																																										
1. BASIC FILING FEE																																																																																										
Large Entity		Small Entity																																																																																								
Fee	Fee	Fee	Fee																																																																																							
<u>Code</u>	<u>(\$)</u>	<u>Code</u>	<u>(\$)</u>	<u>Fee Description</u>																																																																																						
1001	770	2001	385	<input checked="" type="checkbox"/> Utility Filing Fee																																																																																						
1002	340	2002	170	<input type="checkbox"/> Design Filing Fee																																																																																						
1004	770	2004	385	<input type="checkbox"/> Reissue Filing Fee																																																																																						
1005	160	2005	80	<input type="checkbox"/> Prov. Filing Fee																																																																																						
						<b>Subtotal (1) \$ 770</b>																																																																																				
2. EXTRA CLAIM FEES																																																																																										
	Number Claims	Prior**	Extra	Fee from Below	Fee Paid																																																																																					
Total	18	20	0	18	0																																																																																					
Indep.	3	3	0	86	0																																																																																					
Multiple Dependent Claims																																																																																										
** Insert 3 and 20, or number previously paid if greater; Reissue see below																																																																																										
Large Entity		Small Entity																																																																																								
Fee	Fee	Fee	Fee	Description																																																																																						
<u>Code</u>	<u>(\$)</u>	<u>Code</u>	<u>(\$)</u>																																																																																							
1202	18	2202	9	Claims in excess of 20																																																																																						
1201	86	2201	43	Independent claims in excess of 3																																																																																						
1203	290	2203	145	Multiple Dependent Claims																																																																																						
1204	86	2204	43	Reissue Independent Claims over Original Patent																																																																																						
1205	18	2205	9	Reissue claims in excess of 20 and over original patent																																																																																						
						<b>Subtotal (2) \$ 0</b>																																																																																				
						<b>Subtotal (3) \$</b>																																																																																				
Signature	<u>D. D. Brush</u>					Reg. No. <u>34,557</u>																																																																																				
(David D. Brush )																																																																																										
Date	<u>3/26/04</u>					Deposit Account No. <u>12-2252</u>																																																																																				